Product Information Sheet

COMMISSION DELEGATED REGULATION (EU) 2019/2015 with regard to energy labelling of light sources

Supplier's name or trade mark: V-TAC

Supplier's address: V-TAC House, Kelpatrick Road, Slough, Berkshire, SL1 6BW, UK

Model identifier: 465

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type	L/N connect		
(or other electric interface)	line (accessory also have fast connnector)		
Mains or non-mains:	MLS	Connected light source (CLS):	No
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	No	Dimmable:	No

Product parameters

Parameter	Value	Parameter	Value				
General product parameters:							
Energy consumption in on- mode (kWh/1000 h), rounded up to the nearest integer	50	Energy efficiency class	F				
Useful luminous flux (ϕ use), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	4 000 in Wide cone (120°)	Correlated colour temperature, rounded to the nearest 100 K, or the range of correlated colour temperatures, rounded to the nearest 100 K, that can be set	6 400				
On-mode power (P _{on}), expressed in W	50,0	Standby power (P _{sb}), expressed in W and rounded to the second decimal	0,00				
Networked standby power (P _{net}) for CLS, expressed in W and rounded to the second decimal	-	Colour rendering index, rounded to the nearest integer, or the range of CRI- values that can be set	80				

Outer dimensions withoutHeight223 223Spectral distribution in the distribution in the distribution in the range 250 nm to 800 nm, at full-loadSee image in last pageseparate control gear, lighting control parts and non- lighting control parts, if any (millimetre)Depth28 and non- lighting control parts, if any (millimetre)Spectral powerSpectral powerClaim of equivalent power(a)-If yes, equivalent power (W)-Claim of equivalent power(a)-If yes, equivalent power (W)-Peak luminous intensity (cd)1 782Beam angle in degrees, or the range of beam angles that can be set100Parameters for LED and OLED light sources:Peak luminous intensity (cd)1 782Beam angle in degrees, or the range of beam angles that can be set100Ologin Colour consistency in McAdam ellipsesClaims that an LED and OLED miss light sources:Parameters for LED and OLED miss light sources:Parameters for cloo (co op1)0,90Colour consistency in McAdam ellipsesClaims that an LED light source without integrated ballast of a particular wattage(b)If yes then replacement claim (W)Flicker metric (Pst LM)1,0Stroboscopic effect metric (SVM)0,9					
without separate control gear, lighting control parts and non- lighting control parts, if any (millimetre)Table 28range 250 nm to 800 nm, at full-loadClaim of equivalent power(a) control parts, if any control parts, if any in that an LED light source replaces a fluorescent light sources. Flicker metric (Pst LM)non- table the structure parts, the structure parts, if any control parts, <br< td=""><td>Outer</td><td>Height</td><td>223</td><td>Spectral power</td><td>See image</td></br<>	Outer	Height	223	Spectral power	See image
separate control gear, lighting control parts and non- lighting control parts, if any (millimetre)Lep III28nm, at full-loadClaim of equivalent power(a) (millimetre)-If yes, equivalent power (W)-Claim of equivalent power(a) (millimetre)-If yes, equivalent power (W)-Claim of equivalent power(a) (millimetre)-If yes, equivalent power (W)-Parameters for directional light sources:Chromaticity coordinates (x and y) 0,3400,340Parameters for LED and OLED light sources:Beam angle in degrees, or the range of beam angles that can be set100Parameters for LED and OLED light sources:13Survival factor1,00Parameters for LED and OLED mains light sources:100100100Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage10Flicker metric (Pst LM)1,0Stroboscopic effect0,9		Width	188		in last page
lighting control parts, if any (millimetre)Image: second seco	separate control gear, lighting control parts	Depth	28	-	
power (W)Chromaticity coordinates (x and y)0,310 0,340Parameters for directional light sources:Peak luminous intensity (cd)1 782Beam angle in degrees, or the range of beam angles that can be set100 degrees, or the range of beam angles that can be 	lighting control parts, if any				
coordinates (x and y)0,340Parameters for directional light sources:Peak luminous intensity (cd)1 782Beam angle in degrees, or the range of beam angles that can be set100Parameters for LED and OLED light sources:R9 colour rendering index value13Survival factor1,00the lumen maintenance factor0,9611Parameters for LED and OLED mains light sources:R9 colour rendering index value13Survival factor1,00the lumen maintenance factor0,9611Colour consistency in McAdam ellipses1displacement factor (cos \$\$1\$)0,90Colour consistency in McAdam ellipses1Claims that an LED light 	Claim of equivalent power ^(a)		-		-
Parameters for directional light sources:Peak luminous intensity (cd)1 782Beam angle in degrees, or the range of beam angles that can be set100Parameters for LED and OLED light sources:Parameters for LED and OLED light sources:13Survival factor1,00R9 colour rendering index value13Survival factor1,00the lumen maintenance factor0,96Parameters for LED and OLED mains light sources:1displacement factor (cos φ1)0,90Colour consistency in McAdam ellipses1Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage(b)If yes then replacement claim (W)-Flicker metric (Pst LM)1,0Stroboscopic effect0,9				Chromaticity	0,310
Peak luminous intensity (cd)1 782Beam angle in degrees, or the range of beam angles that can be set100Parameters for LED and OLED light sources:Parameters for LED and OLED light sources:100R9 colour rendering index value13Survival factor1,00the lumen maintenance factor0,961100Parameters for LED and OLED mains light sources:R9 colour rendering index value13Survival factor1,00Parameters for LED and OLED mains light sources:0,96Output0,90Colour consistency in McAdam ellipses1Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattageFlicker metric (Pst LM)1,0Stroboscopic effect0,9				coordinates (x and y)	0,340
degrees, or the range of beam angles that can be setParameters for LED and OLED light sources:R9 colour rendering index value13Survival factor1,00the lumen maintenance factor0,96Parameters for LED and OLED mains light sources:displacement factor (cos \$1)0,90Colour consistency in McAdam ellipses1Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage(b)Flicker metric (Pst LM)1,0Stroboscopic effect0,9Stroboscopic effect0,9	Parameters for	directional light	sources:		
R9 colour rendering index value13Survival factor1,00the lumen maintenance factor0,96Parameters for LED and OLED mains light sources:Colour consistency in McAdam ellipses1displacement factor (cos φ1)0,90Colour consistency in McAdam ellipses1Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage(b)If yes then replacement claim (W)-Flicker metric (Pst LM)1,0Stroboscopic effect0,9	Peak luminous intensity (cd)		1 782	degrees, or the range of beam angles that can be	100
the lumen maintenance factor0,96Parameters for LED and OLED mains light sources:displacement factor (cos φ1)0,90Colour consistency in McAdam ellipses1Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage(b)If replacement claim (W)-Flicker metric (Pst LM)1,0Stroboscopic effect0,9	Parameters for	LED and OLED lig	ht sources:		
Parameters for LED and OLED mains light sources:displacement factor (cos φ1)0,90Colour consistency in McAdam ellipses1Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage(b)If yes then replacement claim (W)-Flicker metric (Pst LM)1,0Stroboscopic effect0,9	R9 colour rendering index value		13	Survival factor	1,00
displacement factor (cos φ1)0,90Colour consistency in McAdam ellipses1Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage(b)If yes then replacement claim (W)-Flicker metric (Pst LM)1,0Stroboscopic effect0,9	the lumen main	tenance factor	0,96		
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage(b)If yes then replacement claim (W)-Flicker metric (Pst LM)1,0Stroboscopic effect0,9	Parameters for	LED and OLED ma	ains light sources:		
source replaces a fluorescent light source without integrated ballast of a particular wattage.replacement (W)claim (W)Flicker metric (Pst LM)1,0Stroboscopic effect0,9	displacement fa	ctor (cos φ1)	0,90		1
, , ,	source replace light source wit	s a fluorescent hout integrated	_(b)	replacement claim	-
	Flicker metric (F	Pst LM)	1,0	· · · ·	0,9

(a)_{'-'} : not applicable;

(b)'-' : not applicable;

